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ABSTRACT

In 1991, followup studies of the employment and educational status of 1990-1991 occupational program graduates were conducted by the seven community colleges in the Twin Cities metro area of Minnesota: Anoka-Ramsey, Cambridge Center, Inver Hills, Lakewood, Minneapolis, North Hennepin, and Normandale. While the colleges used different questionnaire formats and follow-up procedures, each school provided outcomes data to the Community Colleges Systems Office using a standard form for classifying outcomes. The outcomes for the seven colleges included the following: (1) the overall response rate for the seven studies was 72%, with a high of 90% for North Hennepin, and a low of 44% for Cambridge Center; (2) over 96% of graduates were from Health, Public Service, and Business programs, with less than 4% coming from Communications, Technical, and Aviation programs; (3) Nursing accounted for over one-third of graduates, while law enforcement accounted for another one-sixth of graduates (4) 94% of the occupational program respondents were employed, with 80% employed in a job related to their education; (5) rates for employment in a field related to program of study were highest among graduates of health and technical programs; and (6) with respect to specific programs, Nursing had the highest job placement rate, at 96%, while the two public service programs, Law Enforcement and Legal Assistant, had the lowest rates, at 61% and 59%, respectively. Data tables providing placement rates and educational status of graduates by college and program are appended. (PAA)

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EMPLOYMENT PLACEMENT DATA OF 1990-91 OCCUPATIONAL GRADUATES AT MINNESOTA'S TWIN CITY AREA COMMUNITY COLLEGES

METRO PILOT STUDY REPORT #1

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Minneapolis, Minnesota
March 1993

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EMPLOYMENT PLACEMENT DATA OF 1990-91 OCCUPATIONAL GRADUATES
AT MINNESOTA'S TWIN CITY AREA COMMUNITY COLLEGES

METRO PILOT STUDY REPORT # 1

March, 1993

Summary and Conclusions

This report is a compilation of placement studies of occupational graduates from the seven Twin Cities Metro area Community Colleges. Individual placement studies were done by each college. The colleges used slightly different formats for the questionnaire and different follow-up procedures.

The related placement rate was 80% for all occupational graduates. An additional 14% of the graduates were employed in jobs unrelated to their degree or working less than 20 hours per week. Almost half the graduates were in Health related fields and 94% of the graduates in the Health area reported related placement. Nursing was the largest single program, accounting for one-third of the graduates. Nursing graduates had a 96% related placement rate.

The second largest category of graduates was Public Service, primarily Law Enforcement and Legal Assistant. These programs had related placement rates of 60%, with an additional 28% in other employment.

Method and Response Rates

Each college mailed a survey requesting the occupational and educational status of the graduates. The follow-up procedures vary from college to college. Once collected, the colleges reported the data to the System Office using a standard form and outline for classifying outcomes.

The classification procedure to track and report respondents used the flow diagram shown in Appendix A including the following steps:

a) related employment defined as employment for more than 20 hours per week in a job the respondent says is related to their education;

b) ineligibility due to continuing education, death, etc.;

c) other employment (less than 20 hours per week or unrelated to degree, or both); and

d) those neither employed nor continuing their education.

The results of that classification provide the basis for this report.

Figure 1, at right, shows the response rates for the seven colleges for all occupational programs. Detailed information is found in Table 1 in Appendix B. The overall response rate was 72%. North Hennepin had the highest response rate (90%), while Cambridge Center (44%) and Normandale (49%) had the lowest response rates. The other four colleges had response rates within ten percent of the total response rate.

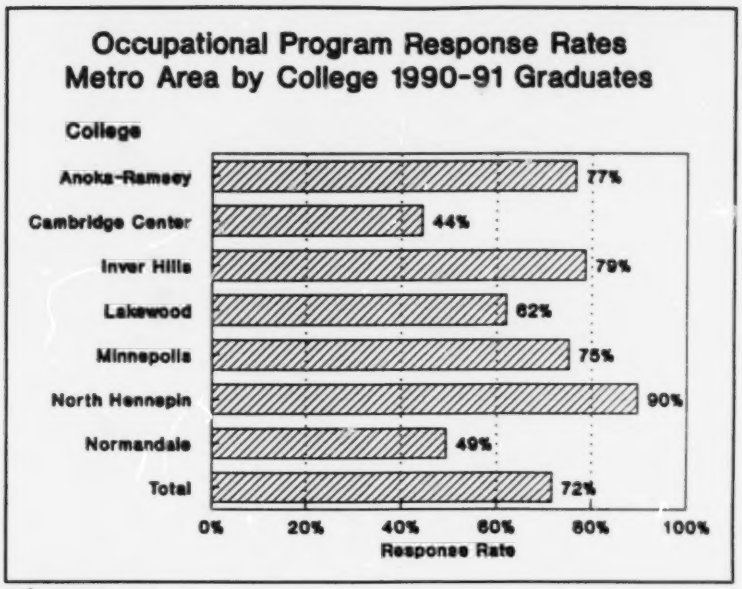


Figure 1

The relatively low response rate raises some question about the placement rates found. North Hennepin had the highest response rate at 90% and its related placement rate (75%) is five points lower than the overall related placement rate (79%). That, if representative of the colleges, indicates the related placement rates are probably slightly higher than would have been found with a greater response rate.

Number of Graduates

Appendix B provides detailed information on the results of the studies. Table 1 shows the data by program for each college. Table 2 presents a summary of the information by program and Table 3 shows the information by program category.

Figure 2, at right, shows over 96% of the graduates were in Health (10 programs), Public Service (three programs), and Business (8 programs) categories. Communications, Technical, and Aviation Categories, with three programs each, accounted for less than four percent of all occupational graduates.

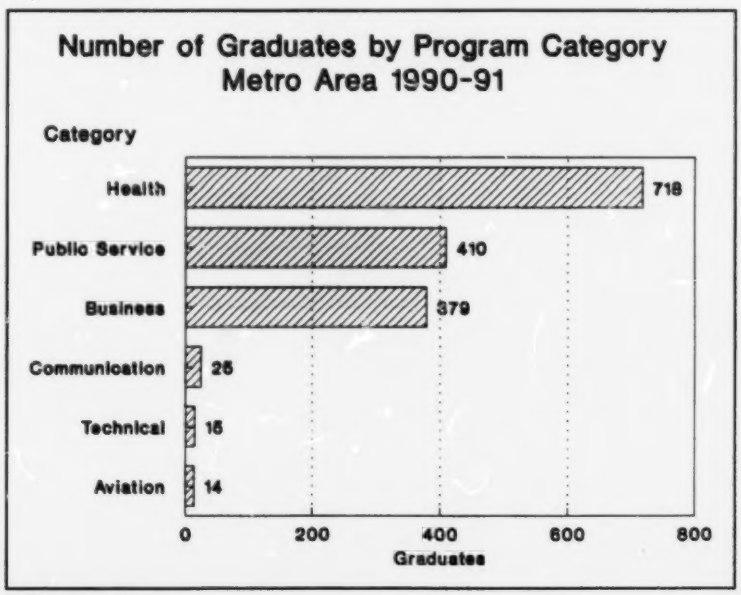


Figure 2

Figure 3, at right, shows the number of graduates for the ten largest programs. Those programs accounted for over 90% of all occupational graduates. Nursing was the largest program, accounting for over one-third of the graduates. Law Enforcement accounted for another sixth of the graduates. Those top two programs accounted for half of the graduates. Legal Assistant and Accounting Technician had over 100 graduates.

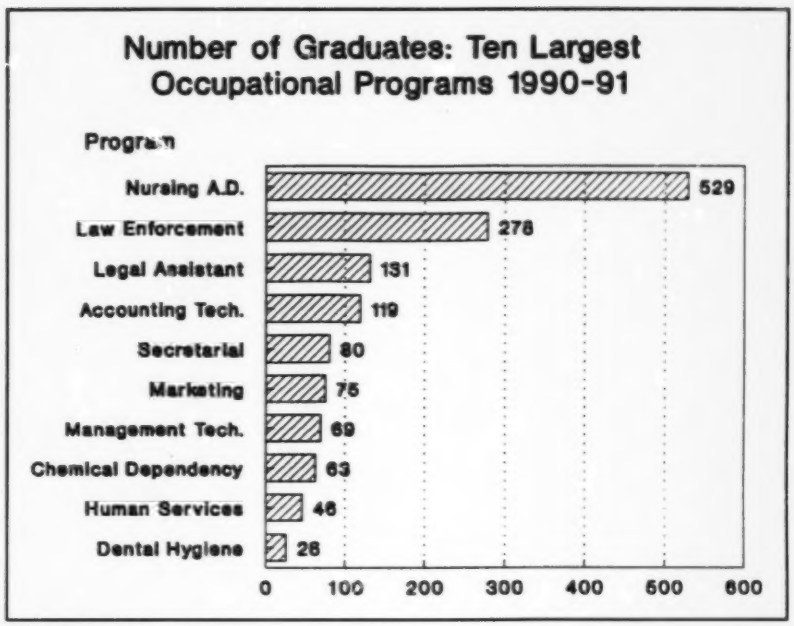


Figure 3

Placement Data

Figure 4, at right, shows the placement rates for the six major categories and overall. Ninety-four percent of the occupational graduates were employed, with 80% in related employment. Related employment was highest for the Health and Technical occupations. Related employment was lowest for Communication, Public Service, and Aviation graduates.

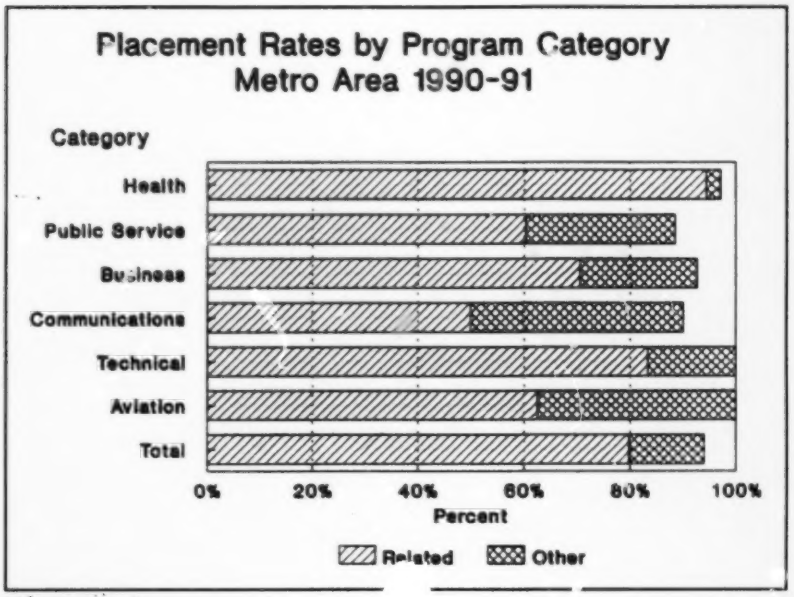


Figure 4

Figure 5, at right, shows the related and other employment rates for the ten largest occupational programs in the metro area. The data are arranged from the largest to the smallest program in terms of graduates (see Figure 3). The Nursing program had a very high related placement rate of 96%, with 1% in other employment.

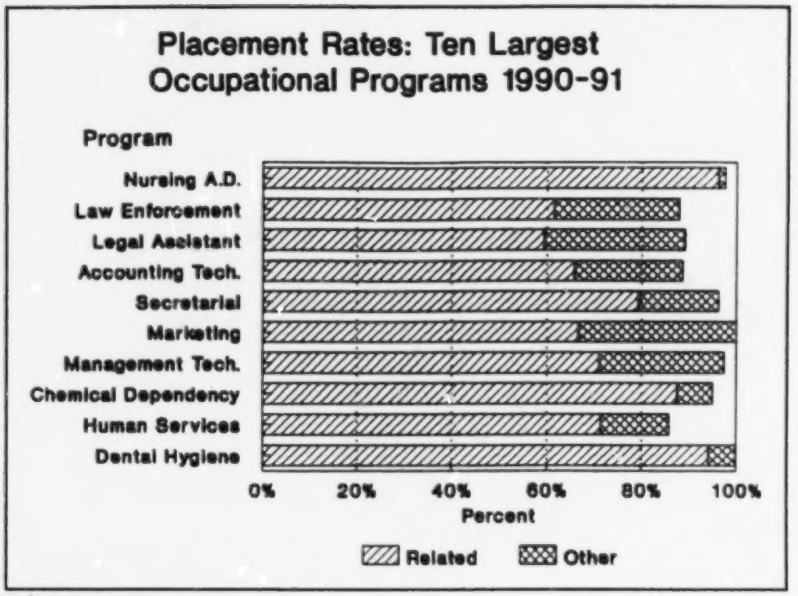


Figure 5

The two large Public Service programs (Law Enforcement and Legal Assistant) had relatively low related placement rates of 61% and 59% respectively, with an additional 26% and 30% in other employment. Law Enforcement graduates must complete Skills Training after receiving their degree before they can be hired as Law Enforcement officers. This, combined with the timing of the surveys, probably reduced the related placement rate for Law Enforcement.

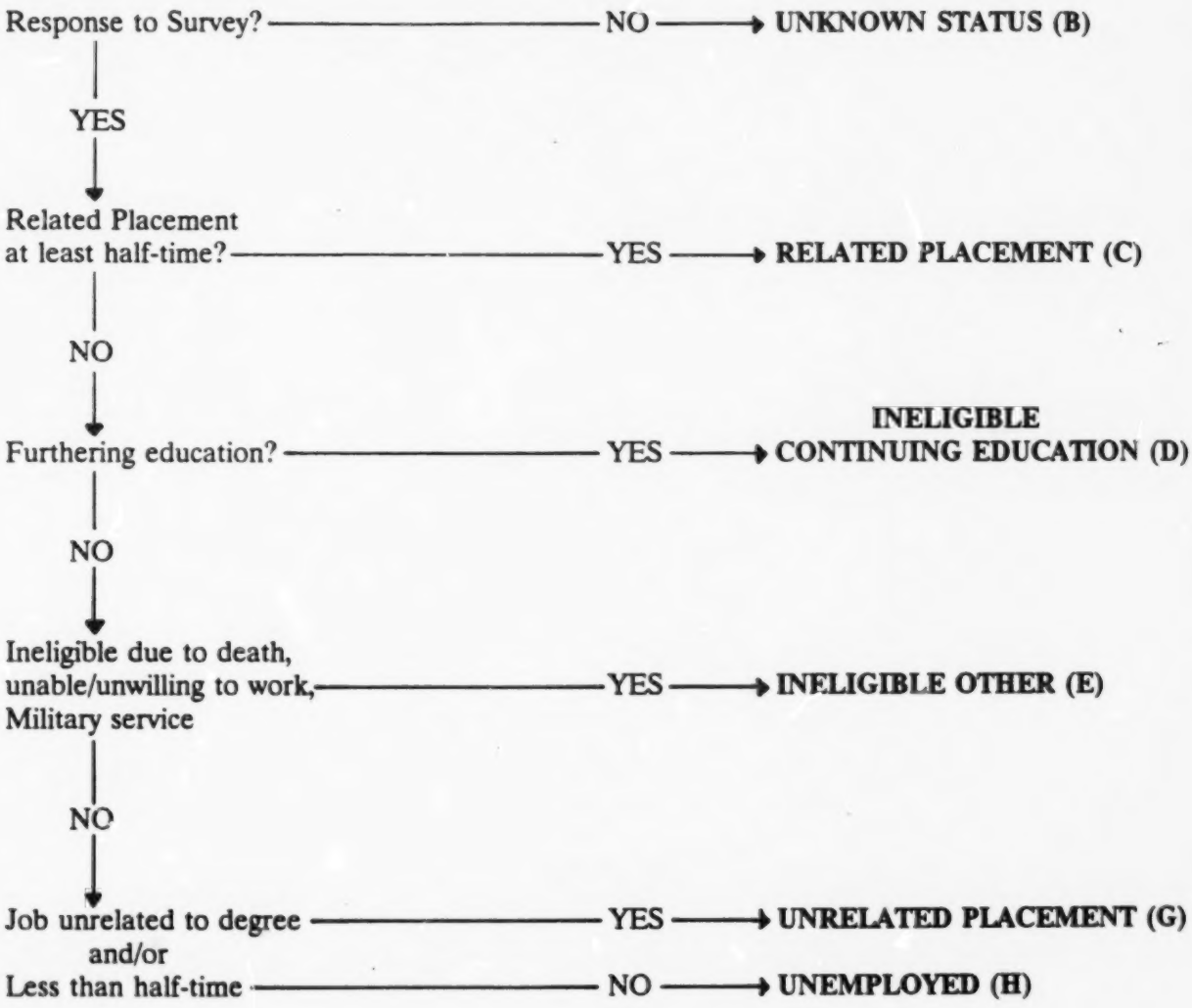
Graduates of the Business programs in Accounting Technician (66%), Marketing (67%), and Management Technician (71%) had very similar related employment rates. Eight-nine percent of the Accounting Technician graduates were employed, compared with all of the Marketing graduates and 97% of the Management Technician graduates.

Secretarial graduates had a related employment rate of 79% and an additional 17% were in other employment.

In the Health area, Chemical Dependency Counseling graduates had related placement in 88% of the respondents, with an additional 8% in other employment. Human Services graduates had 71% in related employment an additional 14% in other employment. All of the Dental Hygiene graduates were employed with 94% of them in related employment.

APPENDIX A

CAREER PROGRAM JOB PLACEMENT DECISION TREE STRUCTURE MINNESOTA COMMUNITY COLLEGE SYSTEM



To use the decision tree, work down from top left. If the answer to the question appears to the right, you have reached the decision point. If the answer to the question is below the question, move down to the next question.

APPENDIX B

Table 1

Occupational Program Placement: Metro Area, 1990-91 Graduates by College and Program

CODE*	Program	Number of Graduates	Response	Response Rate	INELIGIBLE FOR PLACEMENT: Con't Educ.	Other	Total	Eligible For Placement	Number Related Plcmnt	Other Placement	Unemployed/ Not in School	Placement Rates Related	Other
					Anoka-Ramsey								
B	Accounting Technician	41	27	66%	5		5	22	13	4	5	59%	18%
B	Marketing	23	15	65%	1	1	2	13	7	6		54%	46%
B	Secretarial	17	8	47%			0	8	6	2		75%	25%
M	Nursing A.D.	107	94	88%				94	87	2	5	93%	2%
	Total	188	144	77%	6	1	7	137	113	14	10	82%	10%
					Cambridge Center								
B	Accounting Technician	6	3	50%			0	3	1	2		33%	67%
B	Marketing	3	1	33%			0	1		1		0	100%
	Total	9	4	44%	0	0	0	4	1	3	0	25%	75%
					Inver Hills								
B	Accounting Technician	9	7	78%			0	7	6	1		86%	14%
B	Building Inspection	6	6	100%	1		1	5	2		3	40%	0%
B	Management Technician	31	19	61%	1		1	18	12	5	1	67%	28%
B	Marketing	5	2	40%	2		2	0				NA	NA
B	Secretarial	19	16	84%			0	16	13	2	1	81%	13%
M	Health Care Management	3	3	100%			0	3	2	1		67%	33%
M	Human Services	20	19	95%	6	1	7	12	7	3	2	58%	25%
M	Nursing A.D.	77	65	84%			0	65	65			100%	0%
P	Law Enforcement	56	32	57%		1	1	31	20	7	4	65%	23%
P	Legal Assistant	87	75	86%	9	2	11	64	35	20	9	55%	31%
U	Air Traffic Control	1	1	100%	1		1	0				NA	NA
U	Business Aviation	1	1	100%			0	1	1			100%	0%
U	Professional Pilot	12	11	92%	4		4	7	4	3		57%	43%
	Total	327	257	79%	24	4	28	229	167	42	20	73%	18%
					Lakewood								
B	Accounting Technician	12	6	50%			0	6	3	1	2	50%	17%
B	Management Technician	38	20	53%			0	20	15	5		75%	25%
B	Marketing	2	2	100%			0	2	2			100%	0%
B	Secretarial	2	1	50%			0	1	1			100%	0%
M	Chemical Dependency	8	7	88%	1		1	6	4	1	1	67%	17%
M	Human Services	6	3	50%		1	1	2	2			100%	0%
M	Medical Imaging	13	9	69%			0	9	9			100%	0%
M	Nursing A.D.	75	48	64%			0	48	47	1		98%	2%
P	Law Enforcement	41	25	61%	4		4	21	11	7	3	52%	33%
T	Data Processing	3	3	100%	1		1	2	1	1		50%	50%
	Total	200	124	62%	6	1	7	117	95	16	6	81%	14%

* CODE is Degree Category. B - Business, C - Communication, M - Health, P - Public Service, T - Technical, U - Aviation

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Table 1 - Continued

Occupational Program Placement: Metro Area, 1990-91 Graduates by College and Program

CODE	Program	Number of Graduates	Response	Response Rate	INELIGIBLE FOR PLACEMENT: Con't Educ.	Other	Total	Eligible For Placement	Number Related Plcmnt	Other Placement	Unemployed/ Not in School	Placement Rates Related	Other
	Minneapolis												
C	Film Making	3	3	100%			0	3	2	1		67%	33%
C	Video Production	9	9	100%			0	9	6	2	1	67%	22%
H	Chemical Dependency	55	39	71%		5	5	34	31	2	1	91%	6%
H	Human Services	20	13	65%	6		6	7	6		1	86%	0%
H	Nursing A.D.	73	55	75%			0	55	55			100%	0%
P	Law Enforcement	13	11	85%	7	2	9	2	2			100%	0%
	Total	173	130	75%	13	7	20	110	102	5	3	93%	5%
	North Hennepin												
B	Accounting Technician	35	34	97%	2		2	32	23	7	2	72%	22%
B	Building Inspection	3	3	100%			0	3	2		1	67%	0%
B	Marketing	21	19	90%	2		2	17	13	4		76%	24%
B	Secretarial	24	22	92%	4		4	18	13	4	1	72%	22%
B	Transportation Management	2	2	100%			0	2	2			100%	0%
C	Graphic Design	13	12	92%	2	2	4	8	2	5	1	25%	63%
H	Non-Invasive Cardio Tech	11	10	91%			0	10	10			100%	0%
H	Nursing A.D.	93	82	88%		1	1	81	77	2	2	95%	2%
P	Law Enforcement	79	67	85%	4		4	63	37	18	8	59%	29%
P	Legal Assistant	44	40	91%	2	1	3	37	25	10	2	68%	27%
P	Recreational Leadership	1	1	100%			0	1		1		0%	100%
	TOTAL	326	292	90%	16	4	20	272	204	51	17	75%	19%
	Normandale												
B	Accounting Technician	16	9	56%			0	9	6	3		67%	33%
B	Hospitality Management	12	5	42%	1		1	4	3		1	75%	0%
B	Marketing	21	12	57%	2	1	3	9	6	3		67%	33%
B	Secretarial	18	11	61%	1		1	10	9	1		90%	10%
B	Small Bus Mgmt/Entrepreneur	13	6	46%	1		1	5	5			100%	0%
H	Dental Assistant	16	7	44%			0	7	7			100%	0%
H	Dental Hygiene	26	17	65%			0	17	16	1		94%	6%
H	Dietetic Technician	9	4	44%			0	4	4			100%	0%
H	Nursing A.D.	104	64	62%			0	64	60	1	3	94%	2%
H	Radiologic Technician	2	0	0%			0	0				NA	NA
P	Law Enforcement	89	28	31%	5		5	23	16	5	2	70%	22%
T	Computer Programming	5	2	40%			0	2	2			100%	0%
T	Mechanical Engr Tech	7	2	29%			0	2	2			100%	0%
	Total	338	167	49%	10	1	11	156	136	14	6	87%	9%

* CODE is Degree Category. B - Business, C - Communication, H - Health, P - Public Service, T - Technical, U - Aviation

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Table 2

Occupational Program Placement: Metro Area, 1990-91 Graduates: Program Summary

CODE	Program	Number of Graduates	Response	Response Rate	INELIGIBLE FOR PLACEMENT: Con't Educ.	Other	Total	Eligible For Placement	Number Related Plcmnt	Other Placement	Unemployed/ Not in School	Placement Rates Related	Other
B	Accounting Technician	119	86	72%	7	0	7	79	52	18	9	66%	23%
B	Building Inspection	9	9	100%	1	0	1	8	4	0	4	50%	0%
B	Hospitality Management	12	5	42%	1	0	1	4	3	0	1	75%	0%
B	Management Technician	69	39	57%	1	0	1	38	27	10	1	71%	26%
B	Marketing	75	51	68%	7	2	9	42	28	14	0	67%	33%
B	Secretarial	80	58	73%	5	0	5	53	42	9	2	79%	17%
B	Small Bus Mgmt/Entrepreneur	13	6	46%	1	0	1	5	5	0	0	100%	0%
B	Transportation Management	2	2	100%	0	0	0	2	2	0	0	100%	0%
C	Film Making	3	3	100%	0	0	0	3	2	1	0	67%	33%
C	Graphic Design	13	12	92%	2	2	4	8	2	5	1	25%	63%
C	Video Production	9	9	100%	0	0	0	9	6	2	1	67%	22%
M	Chemical Dependency	63	46	73%	1	5	6	40	35	3	2	88%	8%
M	Dental Assistant	16	7	44%	0	0	0	7	7	0	0	100%	0%
M	Dental Hygiene	26	17	65%	0	0	0	17	16	1	0	94%	6%
M	Dietetic Technician	9	4	44%	0	0	0	4	4	0	0	100%	0%
M	Health Care Management	3	3	100%	0	0	0	3	2	1	0	67%	33%
M	Human Services	46	35	76%	12	2	14	21	15	3	3	71%	14%
M	Medical Imaging	13	9	69%	0	0	0	9	9	0	0	100%	0%
M	Non-Invasive Cardio Tech	11	10	91%	0	0	0	10	10	0	0	100%	0%
M	Nursing A.D.	529	408	77%	0	1	1	407	391	6	10	96%	1%
M	Radiologic Technician	2	0	0%	0	0	0	0	0	0	0	NA	NA
P	Law Enforcement	278	163	59%	20	3	23	140	86	37	17	61%	26%
P	Legal Assistant	131	115	88%	11	3	14	101	60	30	11	59%	30%
P	Recreational Leadership	1	1	100%	0	0	0	1	0	1	0	0%	100%
T	Computer Programming	5	2	40%	0	0	0	2	2	0	0	100%	0%
T	Data Processing	3	3	100%	1	0	1	2	1	1	0	50%	50%
T	Mechanical Engr Tech	7	2	29%	0	0	0	2	2	0	0	100%	0%
U	Air Traffic Control	1	1	100%	1	0	1	0	0	0	0	NA	NA
U	Business Aviation	1	1	100%	0	0	0	1	1	0	0	100%	0%
U	Professional Pilot	12	11	92%	4	0	4	7	4	3	0	57%	43%
	Total	1561	1118	72%	75	18	93	1025	818	145	62	80%	14%

* CODE is Degree Category. B - Business, C - Communication, M - Health, P - Public Service, T - Technical, U - Aviation

Table 3

Occupational Program Placement: Metro Area, 1990-91 Graduates: Program Category Summary

CODE	Program	Number of Graduates	Response	Response Rate	INELIGIBLE FOR PLACEMENT: Con't Educ.	Other	Total	Eligible For Placement	Number Related Plcmnt	Other Placement	Unemployed/ Not in School	Placement Rates Related	Other
H	Allied Health	718	539	75%	13	8	21	518	489	14	15	94%	3%
P	Public Service	410	279	68%	31	6	37	242	146	68	28	60%	28%
B	Business	379	256	68%	23	2	25	231	163	51	17	71%	22%
C	Communications	25	24	96%	2	2	4	20	10	8	2	50%	40%
T	Technical	15	7	47%	1	0	1	6	5	1	0	83%	17%
U	Aviation	14	13	93%	5	0	5	8	5	3	0	63%	38%
	Total	1561	1118	72%	75	18	93	1025	818	145	62	80%	14%